

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Application No. 09/901,623
Attorney Docket No. Q65328

IN THE ABSTRACT:

Please delete the present Abstract of the Disclosure and replace it with the following new Abstract of the Disclosure:

ABSTRACT

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An apparatus for monitoring live electrical equipment at high or medium voltage includes a sensor unit placed on the equipment having a first radio antenna, a sensor for producing a digital signal related to a determined physical parameter at a point to be monitored, and an amplitude-modulator connected to the sensor and to the first antenna, and activated by the energy received by said antenna; a transceiver unit placed outside the equipment and having a second radio antenna for illuminating the first antenna, a power supply source, and a signal processor connected to the second antenna; and the first antenna retransmitting towards the second antenna the radio wave that has been transmitted thereby, while simultaneously amplitude-modulating it in response to the output signal of the sensor, and the processor being arranged to provide a signal related to said parameter.